

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A system for resolving ambiguity comprising:
a program module executing on a computer that receives inputs;
a program module configured to parse a grammatical structure of the received inputs to identify a token not present in the received inputs, wherein the token includes a word that is statistically associated with documents that have grammatical structures similar to the received inputs;
a program module configured to add the token to the received inputs thereby generating a modified inputs; and
a program module configured to generate from the modified inputs, a collection of ranked interpretations comprising a set of fragments of data types structurally compatible to data types in the modified inputs, wherein a fragment of the set of compatible fragments is generated by analyzing a grammatical structure of one or more of the modified inputs at a linguistic level.
2. (Original) The system of claim 1, wherein the inputs comprise a natural language request.
3. (Original) The system of claim 1, wherein the inputs comprise a filter.
4. (Original) The system of claim 1, wherein the inputs comprise a bias.
5. (Original) The system of claim 1, wherein the inputs comprise a culture.
6. (Original) The system of claim 1, wherein the inputs comprise a schema for data to be operated upon.
7. (Original) The system of claim 1, further comprising a module for connecting to a plurality of search providers.
8. (Original) The system of claim 7, wherein the module for connecting to the plurality of search providers receives search results from the plurality of search providers.

9. (Previously Presented) A method for resolving ambiguity in a natural language request, the method comprising:

in response to receiving a natural language request and at least one input, parsing a grammatical structure of the at least one input to identify a token not present in the at least one input, wherein the token includes a word that is statistically associated with documents that have grammatical structures similar to the at least one input;

adding the token to the at least one input thereby generating a modified at least one input;

generating a plurality of ranked interpretations comprising a set of fragments of data types structurally compatible to data types in the modified at least one input, wherein a fragment of the set of compatible fragments is generated by analyzing a grammatical structure of the request at a linguistic level; and

performing an action in response to at least one of the plurality of ranked interpretations.

10. (Original) The method of claim 9, wherein the action comprises performing a search.

11. (Original) The method of claim 9, wherein the action comprises executing a command represented by the at least one of the plurality of ranked interpretations.

12. (Original) The method of claim 9, wherein the at least one input comprises a filter.

13. (Original) The method of claim 9, wherein the at least one input comprises a bias.

14. (Original) The method of claim 9, wherein the at least one input comprises a culture.

15. (Original) The method of claim 9, wherein the at least one input comprises a schema for data upon which the action will be taken.

16. (Original) The method of claim 9, wherein generating the plurality of ranked interpretations comprises:

analyzing the natural language request to determine a plurality of relevant terms,
associating each of the plurality of relevant terms with at least one structure of a plurality of structures in a schema associated with data upon which the action will be taken;
combining terms associated with the at least one structure to generate at least one interpretation of the plurality of interpretations; and
assigning a rank to the at least one interpretation.

17. (Original) The method of claim 9, further comprising sending at least one of the plurality of ranked interpretations to at least one of a plurality of search providers.

18. (Original) The method of claim 9, further comprising receiving a collection of search results from at least one of a plurality of search providers.

19. (Original) The method of claim 9, further comprising receiving a set of parameters.

20. (Original) The method of claim 19, wherein the set of parameters comprises an expansion policy.

21. (Original) The method of claim 19, wherein the set of parameters comprises an interpretation generation policy.

22. (Previously Presented) A computer-readable medium comprising computer-executable instructions for:

in response to receiving a natural language request, parsing the grammatical structure of the natural language request to identify a token not present in the natural language request,

wherein the token includes a word that is statistically associated with documents that have grammatical structures similar to the natural language request;

adding the token to the natural language request thereby generating a modified natural language request;

analyzing the modified natural language request by analyzing a grammatical structure of the modified natural language request at a linguistic level to determine a plurality of relevant terms;

associating each of the plurality of relevant terms with a structure in a schema associated with data upon which an action will be taken such that the data is structurally compatible to data in the modified natural language request;

combining terms associated with the structure to generate at least one interpretation of the natural language request based on matching words and comparing grammatical structures;

assigning a rank to the at least one interpretation; and

performing an action in response to the at least one interpretation.

23. (Original) The computer-readable medium of claim 22, comprising further computer-executable instructions for performing a search.

24. (Original) The computer-readable medium of claim 22, comprising further computer-executable instructions for executing a command represented by the at least one interpretation.

25. (Original) The computer-readable medium of claim 22, comprising further computer-executable instructions for connecting to a plurality of search providers.

26. (Original) The computer-readable medium of claim 22, comprising further computer-executable instructions for displaying search results.